M. A. R. 57 (Rule 116)

Measurement Book

"E-BILL"

No. B 426934

Serial No. 1st and final Bill

Name of Work ..... From ..... To .....

Maintenance period (16-07-2019 to 15-07-2020)

Name of Contractor of nature of Agency ..... Sri. Madhuri H.N. Thirumala Complex, Dr.G Road, Bagepalli-561207.

Date of commencement of work ..... D.O. Recording : 16.12.2020

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
	2	3	4	5	6	7	8
	Name of Work : Maintenance of Water supply Works to Existing Bore Wells at Hegdenagara surrounding area in Ward No.06						
	Estimated Cost :. Rs 30.00 Lakh						
	JOB No . 006-19-000041						
	Work order No . BBMP/EE/BTP/Wo/61/2019-20 Dt:-						15.07.2019.
	① Labour charges for Lifting of Non-functioning submer						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Bibb pump set along with Cable and GI pipes.						
		qty vide E. Bill. Item no. (1) p.no (2)					
		= 4500 Nos @ 114/ Each.					5,13,000-00
(2)	Transportation of pumping machineries.						
		qty vide E-Bill. Item no (2)					
		p.no (3)	= 500 Nos @ 94.00/ Each				47000-00
(3)	Rewinding of submersible pumpsets 10 HP						
		qty vide E. Bill. Item (3) p.no (4)					
		= 8 Nos @ 5000/ Each					40,000-00

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M. A. R. 57 (Rule 116)
Measurement Book

No. B 426935

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	4) Rewinding of submersible 7.5HP	pumpset.					
			qty vide E.B.111. It no. ④				
			p. no ④ : 10 Nos			@ 3993/Each.	39,930-00
	5) -12.50Hp pumpsets						
			qty vide E.B.111 It no.⑤ p.no ④				
			= 14 Nos			@ 6149/Each. Rs	86086.00
	6) 15HP pumpsets (Brassd SR.No.15 p 58 19]						
			qty vide E.B.4 It no. ⑥ p.no ⑤				
			= 18 Nos			@ 6061/Each Rs	109098.00

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
7)	Replacement of motor parts pump bowls	qty vide E.Bill Pt ⑦ p 5 =				210 Nos @ 32/-	6741
(8)	Intermediate piece with IP Leaded Bronze bush	qty - vide - Pt ⑧ p 6 =				50 Nos @ 747/-	37351
(9)	Upper flange	qty vide Pt ⑨ p. 6 =				50 Nos @ 344/-	17200
(10)	Lower Housing.	qty vide Pt (10) p 7 =				50 Nos @ 563/-	28150
(11)	Guide vane	qty vide Pt no. (11) p - 7 =				160 Nos @ 201/-	32160
12)	Impeller shell moulded with aluminium Bronze	qty vide. Pt (12) p - 9 =				50 Nos @ 275/-	13750

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M. A. R. 57 (Rule 116)
Measurement Book

No. B

426936

No. .....

e of Work ..... From..... To.....

e of Contractor of nature of Agency .....

of commencement of work .....

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8
13) Discharge outlet CD.01 Bearg D.o. steel bush	qty vide. It no. (13)			p. 9 =	60 nos @ 546/-	32760.00
14) pumpshaft made out of stainless steel centreless ground With key way (upto 8 stages)	qty vide it (14) p. no			19 =	350 nos @ 689/-	24115.00
15) pump. Coupling (stainless steel)	qty vide it (15) p =			11 =	45 nos @ 356/-	16020.00
16) Stud and nuts	qty vide it no. (16) p =			12 =	150 nos @ 92/-	13800.00

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurem
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
17)	motor base with pin		qty wise	# no (17)	p.no	12 = 25 nos @ 495/£	10625.00
18)	Starter with one years Guarantee		qty wise	# no. (18)	p.no - 13	= 20 nos @ 5277/£	105540.00
19)	Rotor (with one year guarantee)		qty wise	# (19)	p.no - 14	= 25 nos @ 4911/£	122775.00
20)	Thrust bearing block assembly complete with segments bearing pad.		qty wise	# no. (20)	p. 16	= 45 nos @ 496/£	5404.00
	Carbon - Housing.		qty wise	# no. (20)	p. 15	= 40 nos @ 496/£ 1201	19840.00

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M. A. R. 57 (Rule 116)
Measurement Book

No. B 426937

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	22) Oil Seal	qty vide E.Bill # 22			p.no 17	= 45 nos @ 130/-	5850.00
	23) Oil seal steel Bush	qty vide E.Bill # 23			p. 18	= 45 Nos @ 156/-	7020.00
	24) D.O. Bearing	qty vide E.Bill # 24			p. 19	= 60 nos @ 297/-	17820.00
	25) Steel bush	qty vide E.Bill # (25)			p. 20	= 300 nos @ 156/-	46800.00
	26) Allen screws	qty vide E.Bill # 26			p. 20	= 104 Nos @ 26/-	2704.00

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MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
27)	Pump key (Stainless steel)		qty vide	E.Bill	It (27)	P-21 = 35 Nos @ 134/E	4,550.00
(28)	Non-Return Valve (NRV) assembly Complete with Rubber 'O' Ring		qty vide	E.Bill	It no (28)	P-22 30 Nos @ 141/E	42,300.00
(29)	Cable guard		qty vide	E.Bill	It (29)	P.no 23 = 45 Nos @ 156/E	7020.00
(30)	Strainer		qty vide	E Bill	It (30)	P-24 = 45 Nos @ 156/E	7020.00
31)	Brass filter		qty vide	E.Bill	It 31	P.25 = 45 Nos @ 261/E	11745.00

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M. A. R. 57 (Rule 116)
Measurement Book

No. B 426938

erial No. .....
ame of Work ..... From..... To.....
ame of Contractor of nature of Agency .....
ate of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
	2	3	4	5	6	7	8
	32) Labour charges (over hauling only)						
		9th side E.Bill No (32) p.26 = 45 Nos @ 581/-					26145.00
	(33) Re-erection charges of pumping machinaries including overhauling and						
		9th side E.Bill No (33) p.28 = 45 Nos @ 992/-					44640.00
	(34) Lock-Ring.						
		9th side E.Bill No 34 p.29 = 39 Nos @ 88/-					3432.00
	(35) Carbon housing	9th side E.Bill No 35 p.30 = 45 Nos @ 496/-					22320.00

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
36)	Top carbon/ferrado padding		qty vide	E.Bill No (36)	p.231-45 Nos	@156/E	7020.00
(37)	Bearing (Gunmetal) centrifugal cast Aluminium Bronze, Bearing bush		qty vide	E.Bill No (37)	p.32 = 36 qty @ 418/E		15048.00
(38)	Circlips		qty vide	E.Bill No 38	p. 33 = 6 Nos @ 53/Each		318.00
(39)	supplying and fixing of precelain fuse channel with cut out on existing wooden/ panel using necessary nuts bolts, washers etc complete.		qty vide	E Bill No 39	p.no.34 = 168 nos @ 156/Each		26208.00

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M. A. R. 57 (Rule 116)
Measurement Book

No. B 426939

erial No. .....

ame of Work ..... From..... To.....

ame of Contractor of nature of Agency .....

ate of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
	2	3	4	5	6	7	8
	40) threading of GI pipes 50mm dia.						
						qty vide E.Bill # 40 P no 35 = 2717 Mtr @ 26/-	70642.00
	41) supplying of submersible pump Cable 1×3×6.0 sq mm						
						qty vide E.Bill # (4V P no - 35	
						= 2290 mtrs @ 150/mt	343500.00
	42) Supplying and fixing MCB						
						qty vide E Bill # 42 P.no 37	
						= 67 Nos @ 940/-	62980.00

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
43)	Earthwork Excavation for foundations of buildings, water supply lines, electrical conduits, either in pits or in trenches 1.50 m as above in width in ordinary soil not exceeding 1.50 m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with a lead upto 50 m after breaking of clods complete as per specification.						
	qty vide E. Bill It no. 43 p.no 37						
	= 363.234 m³ @ 331/-						
44)	Providing and installing at site of work 63 mm (0.062) PVC Pipes of 6 kg/cm² including cost of pipes specials, and labour including lowering into trenches, laying true to line, level and perfect linking at joints, leak proof including jointing of						1,20,230.00

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M. A. R. 57 (Rule 116)
Measurement Book

No. B 426940

erial No. .....

me of Work ..... From..... To.....

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ate	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
	2	3	4	5	6	7	8
	approved type with all labour and Lift charges, handling charges including Encasing pipe around in a depth not less than 15cms with gravel or selected Earth etc.						
	qty vide E.Bill # no (44) p.no - 37 = 1089.00 mtr @ 412/mtr					Rs.	1,48,668.00
45)	Refilling available Earth around pipe line, Ceilings in layers, not exceeding 20 cms depths, compacting each deposited layers by ramming, watering with lead upto from all lifts upto 1.5 mts including cost of all labour complete						48,673.00

qty vide E.Bill # no (45) p.no - 38
= 363.234 m³ @ 134/m³

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Refer to la Measur
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
46)	Supplying and delivery of brand items gate valve qty vide E.Bill. It no. (46) p. = 47 nos @ 1881/each					Rs.	88407.-
	Total of other SR items in Civil qty						1802118.-
	Total of PWD SR 2018-19 items						11,12,458.-
	Add 12% GST on PWD SR Rate 18-19						1,33,495.-
						Grand Total Rs	30,48,071.-

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